Objectives

- document the reliability and utility of the existing monitoring system at the sea basin level USING TARGETED PRODUCTS FOR CHALLENGES;
- identify the gaps and prioritize the needs in order to optimize the monitoring system.

Methodology

The assessment methodology has been based on five elements:

1. the potential input data sets metadatabase and the availability indicators,
2. the Data Product Specification (DPS) and related quality elements,
3. the Targeted Data Products (TDP) information and the related quality elements;
4. the Ustream Data (UD) used for the products and the related quality elements,
5. the calculation of appropriateness indicators from the DPS, UD and TDP quality elements.

Indicator values have been grouped in three colour codes in order to increase the readability of the results.

- **Totally Inadequate**: urgent actions are required to provide datasets and services fitting for use
- **Partly Adequate**: limited actions are required to provide datasets and services fitting for use
- **Fully Adequate**: actions and services are fit for use and should be maintained

Assessment results: Upstream data sets

266 potentially useful Upstream Data Sets as a function of Challenges.

Assessment results: Targeted Data Products

45 Targeted Products have been generated for the 7 challenge applications using 90 Upstream Data sets over the 266 Input Data sets identified by the experts as potential sources.

Summary of the quality scores associated to each Targeted Products according to the expert’s evaluations.